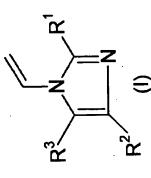
A(12-V4) D(8-B)	INDEPENDENT CLAIMS are also included for (i) production of the dispersions; and (ii) aqueous solutions obtained by dilution of the dispersions with water.	USE As a thickener or conditioner or in increasing the viscosity of a preparation by adding the aqueous dispersion and (especially ≥2	wt.%) water and in cosmetics (claimed).	<u>ADVANTAGE</u> The dispersions are especially suited to use as conditioners in hair	cosmetics such as shampoos, having a high solids content and low viscosity and giving good properties such as combability.		An aqueous dispersion of solids content 39.9 wt.% and viscosity	650 mPas was obtained by (i) adding N-vinylformamide (180 g), N-	vinyl-2- methylimidazolium methyl sulfate (44.4g; 45% aqueous	solution) and triallylamine (0.6 g) to a nomogeneous sometime (0.6 g) to a nomogeneous sometime (0.7 kg) and triallylamine (0.6 g) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) to a nomogeneous sometime (0.7 kg) and triallylamine (0.7 kg) and tri
2004-526591/51 A96 D21 (A11 A14 A25) BADI 2002.12.20 BASF AG *DE 10261197-A1 A17 A27 A27 A27 A27 A27 A27 A27 A27 A27 A2	e in vith	C2004-193743 Addnl. Data: CHRISSTOFFELS L, HOESSEL P, LEDUC M, WOOD C, ANGEL M, MATHAUER K	NOVELTY	Aqueous dispersions are new when produced from the following ingredients with the wt. ratio $(B):(C)$ being $1:0.02-50$ :	(a) an N- vinyl monomer; (b) a polymeric dispersant;	(c) a polymeric precipitation agent; (d) a crosslinker and ontionally also	(e) further monomers;	(f) a regulator; and/or	(g) a buffer.	DETAILED DESCRIPTION

(575.7 g), sodium dihydrogenphosphate dihydrate (2 g), polyvinyl pyrrolidone (6 g; K value 90), polyvinyl pyrrolidone (10 g; K value 17), and polyethyleneglycol (180 g; molecular weight 1500) and setting the pH to 6.75 with 25% caustic soda; (ii) adding Wako V50 (RTM: 2,2<sup>2</sup>- azobis-2-(aminopropane)dihydrochloride) (1 g) and polymerizing for 4 hours at 55°C; and (iv) adding further Wako V50 (RTM) (0.24 g) and polymerizing for 2 hours at 65°C.

## TECHNOLOGY FOCUS

Polymers - Claimed Preparation: Involves reacting (A) - (D) and optionally also (E) and (G) in presence of regulator (F) with the (B): (C) ratio being 1: 0.02-50. Preferred Composition: The wt. ratio (B): (C) is 1: 0.05-20 and the weight ratio ((B) + (C): other monomers is 10: 1-1: 0.1. The obtained dispersion is optionally hydrolyzed, especially to an amine content in the polymer of below 20 mol.% based on monomer (A). Preferred Materials: Monomer (A) is an N-vinylamide or N-vinyllactam, while dispersant (B) is polyvinyl acetate, polyalkylene (especially polyethylene) glycol, polyvinyl alcohol, polyvinyl pyridine, polyethylene imine, polyvinyl imidazole, polyvinyl succinimide and polydiallyldimethylammonium chloride, polyvinyl pyrrolidone (PVP), polymers containing >5 wt.% vinyl alcohol

units, optionally chemically-modified oligo- or poly-saccharides (especially carboxymethylcellulose), oxidatively-, hydrolytically-or enzymatically-degraded polysaccharides, water-soluble starch or derivatives, starch esters, starch xanthogenates, starch acetates and/or dextran, especially PVP and/or polymers containing >5 wt.% VP units. Precipitation agent (C) is a water-soluble polyether-containing compound, especially of formula (I) and, in particular,



= H, 1-24C alkyl, R6-CO-, R6-NHCO- or polyalcohol residue;

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